

Claims

What is claimed is:

1 1. A method performed by a computer system, comprising:
2 storing a first version of a mass-produced printed paper, the first version having a first
3 format; and
4 translating the first version into a second version, the second version having a second
5 format, the second version being displayable on a display device as a likeness of the paper.

1 2. The method of Claim 1 and comprising:
2 compressing the second version.

1 3. The method of Claim 1 and comprising:
2 encrypting the second version.

1 4. The method of Claim 1 wherein the translating comprises:
2 rasterizing the first version to create a rasterized image; and
3 decimating the rasterized image for inclusion in the second version.

1 5. The method of Claim 1 wherein the translating comprises:
2 extracting characters from the first version; and
3 adding a term from the characters to an index in the second version.

1 6. The method of Claim 5 wherein the translating comprises:
2 rasterizing the first version to create a rasterized image;
3 including the rasterized image in the second version; and
4 including a pointer in the index to indicate a location of the term in the rasterized
5 image.

1 7. The method of Claim 1 wherein the translating comprises:
2 storing a reference in the second version.

1 8. The method of Claim 7 wherein the translating comprises:
2 associating the reference with a media file; and
3 including the media file in the second version.

1 9. The method of Claim 7 wherein the translating comprises:
2 associating the reference with a script; and
3 including the script in the second version.

1 10. The method of Claim 7 wherein the translating comprises:
2 associating the reference with a website address; and
3 including the website address in the second version.

1 11. The method of Claim 1 wherein the translating comprises:
2 detecting a term in the second version;
3 creating a hyperlink in response to the detecting of the term; and
4 including the hyperlink in the second version

1 12. The method of Claim 11 wherein the translating comprises:
2 creating a link table in the second version; and
3 including information associated with the hyperlink in the link table.

1 13. A system, comprising:

2 a computing device for:

3 storing a first version of a mass-produced printed paper, the first version having a first
4 format; and

5 translating the first version into a second version, the second version having a second
6 format, the second version being displayable on a display device as a likeness
7 of the paper.

1 14. The system of Claim 13 wherein the computing device is for:
2 compressing the second version.

1 15. The system of Claim 13 wherein the computing device is for:
2 encrypting the second version.

1 16. The system of Claim 13 wherein the computing device is for:
2 rasterizing the first version to create a rasterized image; and
3 decimating the rasterized image for inclusion in the second version.

1 17. The system of Claim 13 wherein the computing device is for:
2 extracting characters from the first version; and
3 adding a term from the characters to an index in the second version.

1 18. The system of Claim 17 wherein the computing device is for:
2 rasterizing the first version to create a rasterized image;
3 including the rasterized image in the second version; and
4 including a pointer in the index to indicate a location of the term in the rasterized
5 image.

1 19. The system of Claim 13 wherein the computing device is for:
2 storing a reference in the second version.

24. The system of Claim 23 wherein the computing device is for:
creating a link table in the second version; and
including information associated with the hyperlink in the link table.

1 25. A computer program product, comprising:
2 a computer program processable by a computer system for causing the computer system to:
3 store a first version of a mass-produced printed paper, the first version having a first
4 format; and
5 translate the first version into a second version, the second version having a second
6 format, the second version being displayable on a display device as a likeness
7 of the paper; and
8 an apparatus from which the computer program is accessible by the computer system.

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1 26. The computer program product of Claim 25 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3 compress the second version.

1 27. The computer program product of Claim 25 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3 encrypt the second version.

1 28. The computer program product of Claim 25 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3
4 rasterize the first version to create a rasterized image; and
5 decimate the rasterized image for inclusion in the second version.

1 29. The computer program product of Claim 25 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3 extract characters from the first version; and
4 add a term from the characters to an index in the second version.

1 30. The computer program product of Claim 29 wherein the computer program is
2 processable by the computer system for causing the computer system to:

3 rasterize the first version to create a rasterized image;
4 include the rasterized image in the second version; and
5 include a pointer in the index to indicate a location of the term in the rasterized image.

1 31. The computer program product of Claim 25 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3 store a reference in the second version.

1 32. The computer program product of Claim 31 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3 associate the reference with a media file; and
4 include the media file in the second version.

1 33. The computer program product of Claim 31 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3 associate the reference with a script; and
4 include the script in the second version.

1 34. The computer program product of Claim 31 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3 associate the reference with a website address; and
4 include the website address in the second version.

1 35. The computer program product of Claim 25 wherein the computer program is
2 processable by the computer system for causing the computer system to:
3 detect a term in the second version;
4 create a hyperlink in response to the detecting of the term; and
5 include the hyperlink in the second version

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36. The computer program product of Claim 35 wherein the computer program is processable by the computer system for causing the computer system to:

- create a link table in the second version; and
- include information associated with the hyperlink in the link table.

include information associated with the hyperlink in the link table.